

## IN THE CLAIMS

This listing of claims replaces all prior versions, and listings, in this application.

1. (Currently Amended) A process for the preparation of a metal-organic compound, comprising at least one phosphinimine ligand, the process comprising contacting a characterized in that the HA adduct of a phosphinimine ligand compound according to formula 1 is contacted with a metal-organic reagent of formula 2 in the presence of at least 2 equivalents of a base, wherein HA represents an acid, of which H represents its proton and A its conjugate base,

with  $Y=N-H$  as formula 1,

and  $M^v(L_1)_k(L_2)_l(L_3)_m(L_4)_nX$  as formula 2,

and wherein Y is defined by the formula :



wherein each  $R^{1j}$ , with  $j = 1-3$  is independently selected from the group consisting of a hydrogen atom, a halogen atom, a  $C_{1-8}$ alkoxy radical, a  $C_{6-10}$  aryl or aryloxy radical, an amido radical, or a  $C_{1-20}$  hydrocarbyl radical unsubstituted or substituted by a halogen atom, a  $C_{1-8}$  alkoxy radical, a  $C_{6-10}$  aryl or aryloxy radical, an amido radical, a silyl radical of the formula:



[[or]] and a germanyl radical of the formula :



wherein  $[[R_{2j}]] \underline{R^{2j}}$  is independently selected from the group consisting of hydrogen, a  $C_{1-8}$  alkyl or alkoxy radical,  $C_{6-10}$  aryl and  $[[or]]$  aryloxy radicals, each substituent  $R^{1j}$  or  $[[R_{2j}]] \underline{R^{2j}}$  may be linked with another  $R^1$  or  $R^2$  to form a ring system, and M represents a group 4 or group 5 metal ion

V represents the valency of the metal ion, being 3, 4 or 5

$L_1$ ,  $L_2$ ,  $L_3$ , and  $L_4$  represent a ligand or a group 17 halogen atom on M and may be equal or different,

$k$ ,  $l$ ,  $m$ ,  $n$  = 0, 1, 2, 3, 4 with  $k+l+m+n+1=V$ , and

X represents a group 17 halogen atom.

2. (original) A process according to claim 1, wherein the base is an organic base, an inorganic base or a metal-organic base.

3. (previously presented) A process according to claim 1, wherein the organic base is an amine or a phosphane.

4. (previously presented) A process according to claim 1, wherein the organic base is a dialkylamine, a trialkylamine, amonoarylamine, diarylamine or a triarylamine.

5. (previously presented) A process according to claim 1, wherein the base is triethylamine, pyridine, tripropylamine, tributylamine, 1, 4-diaza-bicyclo [2.2. 2] octane, pyrrolidine or piperidine.

6. (Currently Amended) A process according to ~~claim 1~~ claim 2, wherein the inorganic base is a carboxylate, a fluoride, a hydroxide, a cyanide, an amide, a carbonate of Li, Na, K, Rb, Cs,  $[[or]]$  an ammonium salt or a group 2 metal salt of Mg, Ca, or Ba  $[[thereof]]$ , an alkali metal (Li, Na, K, Rb, Cs) phosphate,  $[[or]]$  a phosphate ester,  $[[or their]]$  alkoxide or phenoxides of the phosphate ester, thallium hydroxide, alkylammonium hydroxides or fluorides,  $[[or]]$  alkali metals, hydrides or carbonates of Li, Na, K, Rb, Cs or group 2 hydrides.

7. (original) A process according to claim 6, wherein the alkali metal is chosen from Li, Na, or K.

8. (Currently Amended) A process according to ~~claim 1-2~~ claim 1, wherein the metal-organic base is a group 1, 2, 12, 13 hydrocarbanion.

9. (original) A process according to claim 8, wherein the metal-organic base is an organomagnesium- or an organolithium compound.

10. (previously presented) A process according to claim 1, carried out in the presence of at least 3 respectively 4 equivalents of an organolithium- or an organomagnesium compound.

11. (previously presented) A process according to claim 1 wherein the reaction is carried out in an aprotic solvent.

12. (original) A process according to claim 11, wherein the solvent is the base.

13. (Currently Amended) Process for the preparation of a polyolefin which comprises polymerizing an olefin monomer in the presence of [[by making]] a metal-organic compound made according to the process of claim 1, wherein the base is an olefin polymerisation compatible base, which metal-organic compound is activated anywhere in, or before [[a]] polymerisation equipment.

14. (original) Process according to claim 13, wherein the metal-organic compound is used without purification.

15. (previously presented) Process according to claim 13, wherein the metal-organic compound is formed in the polymerisation equipment.

16. (Currently Amended) Process according to claim 15, wherein the metal organic compound is made in the presence of between 5 and 10 equivalents of the imine phosphinimine ligand compound ligand according to formula 1.